

### **IN THE SPECIFICATIONS**

Please amend the paragraph on page 8, line 9 as follows:

According to embodiments of the invention, the functional units (e.g., the hub 122, memory/directory interface 108, etc.) of the computer system 100 can be integrated or divided, forming a lesser or greater number of functional units. According to embodiments, the functional units can include queues, stacks, and/or other data structures necessary for performing the functionality described herein. Moreover, the functional units can be communicatively coupled using any suitable communication method (message passing, parameter passing, signals, etc.). Additionally, the functional units can be connected according to any suitable interconnection architecture (fully connected, hypercube, etc.). Any of the functional units used in conjunction with embodiments of the invention can include machine-readable media including instructions for performing operations described herein. Machine-readable media includes any mechanism that provides (i.e., stores and/or transmits) information in a form readable by a machine (e.g., a computer). For example, a machine-readable medium includes read only memory (ROM), random access memory (RAM), magnetic disk storage media, optical storage media, flash memory devices, ~~electrical, optical, acoustical or other forms of propagated signals (e.g., carrier waves, infrared signals, digital signals, etc.), etc.~~ According to embodiments of the invention, the functional units can be other types of logic (e.g., digital logic) for executing the operations for directory-based cache coherence described herein.